

**FIG. 1**

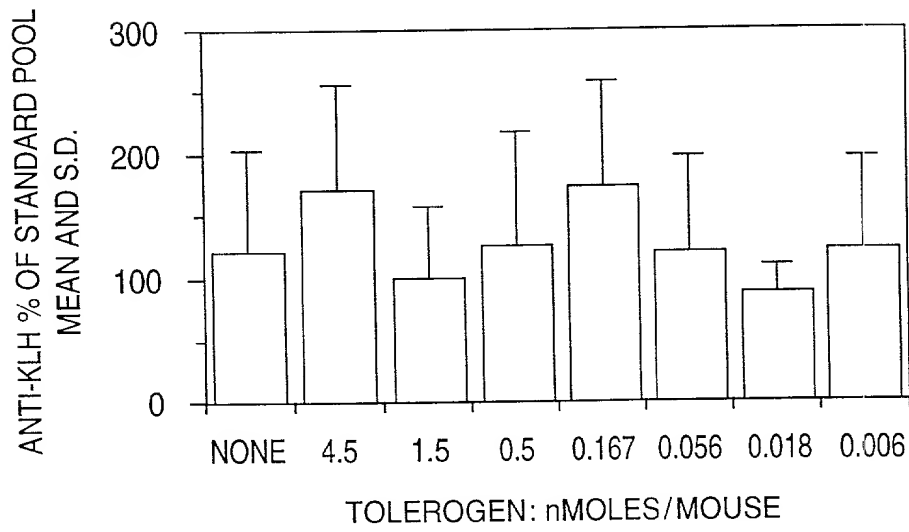


FIG. 2

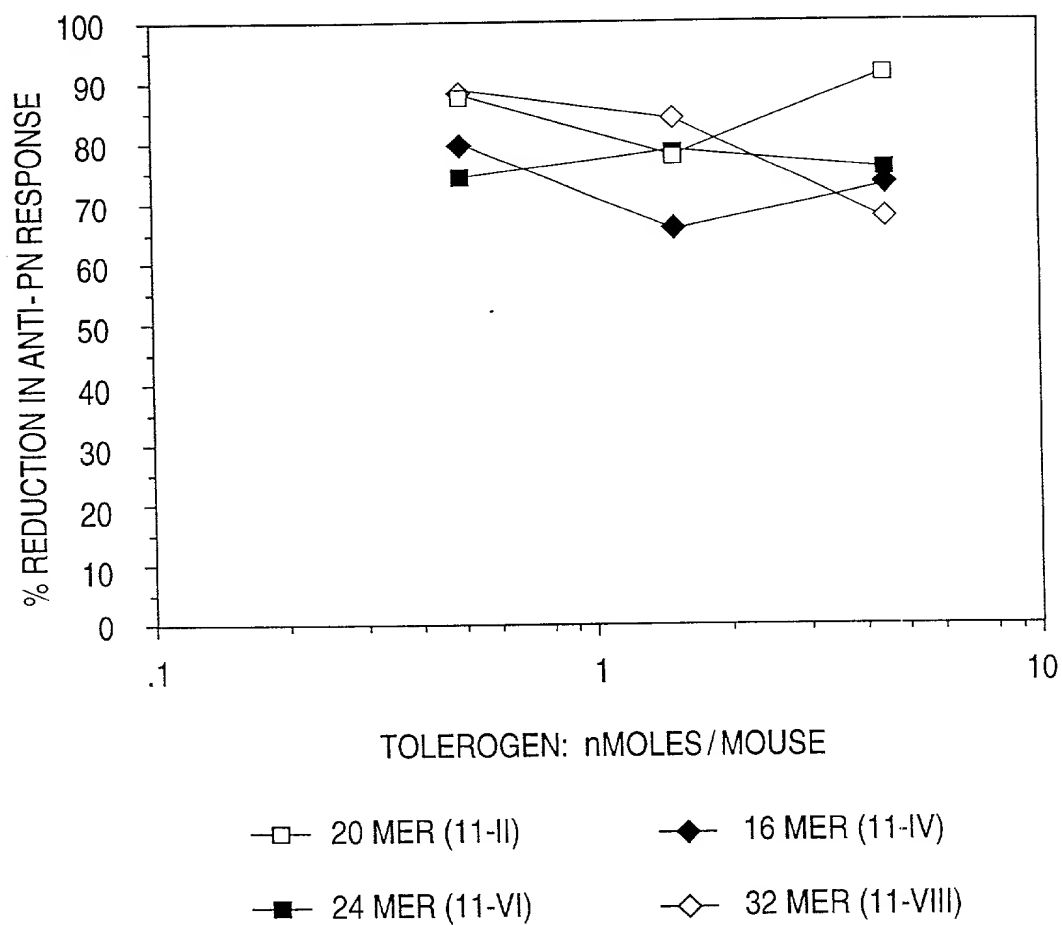


FIG. 3

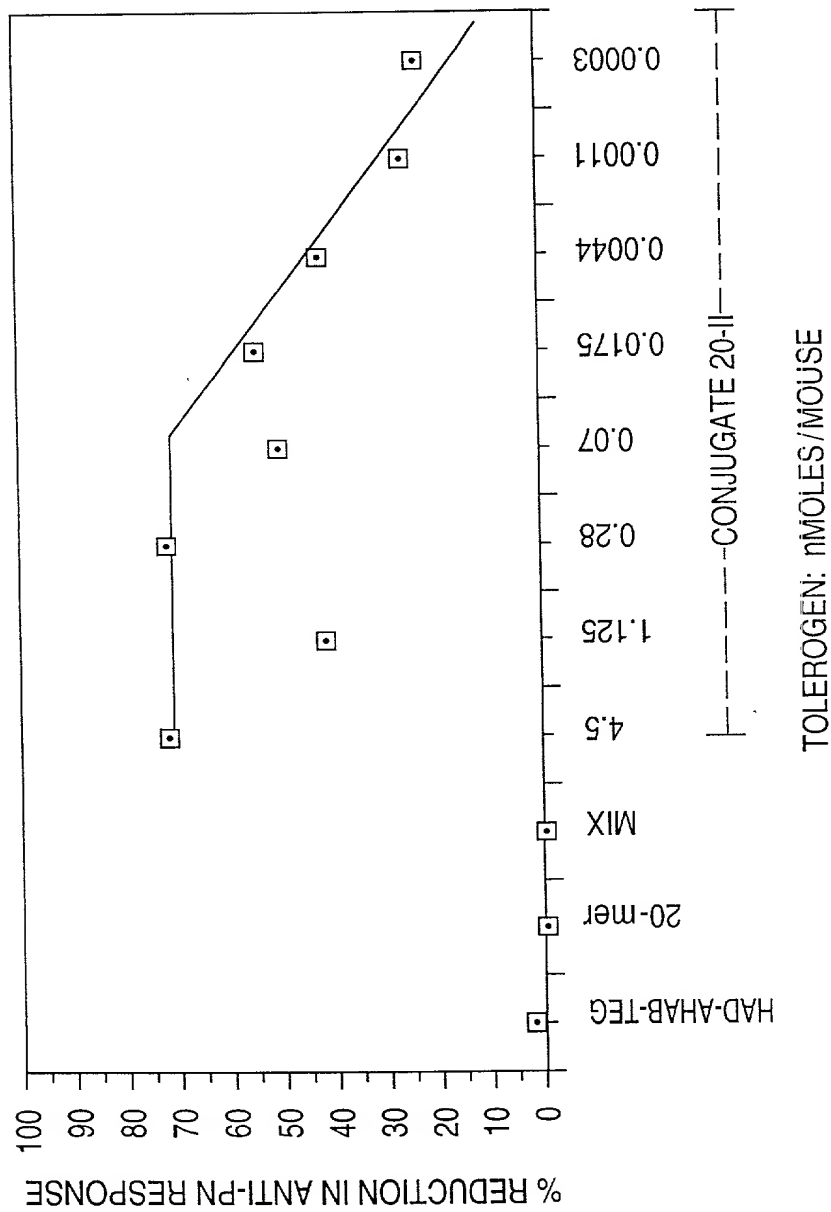


FIG. 4

FIG. 4

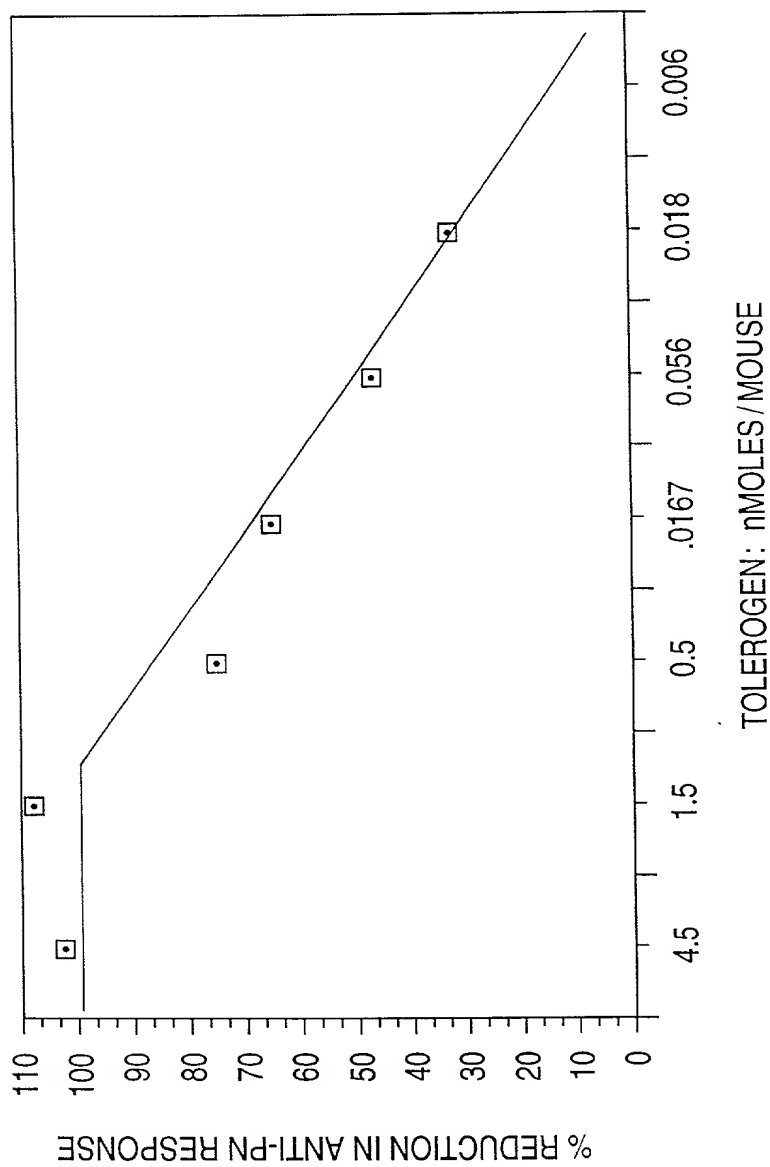
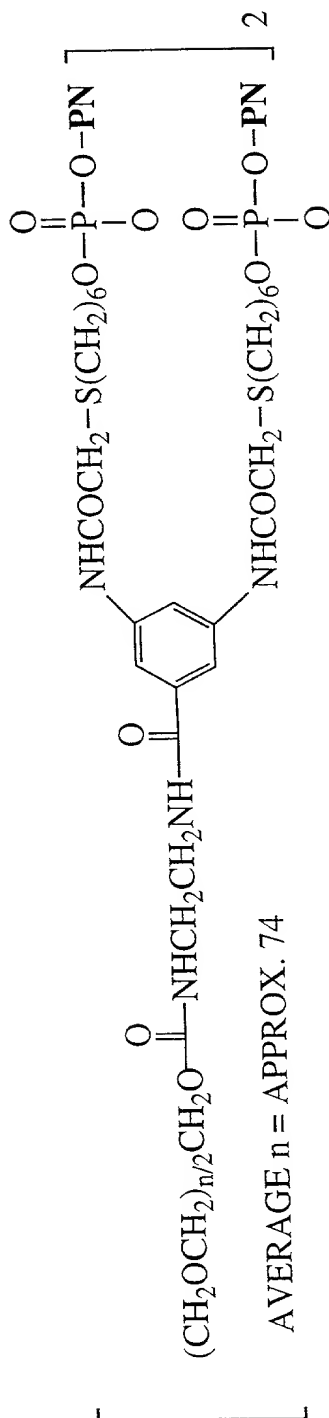


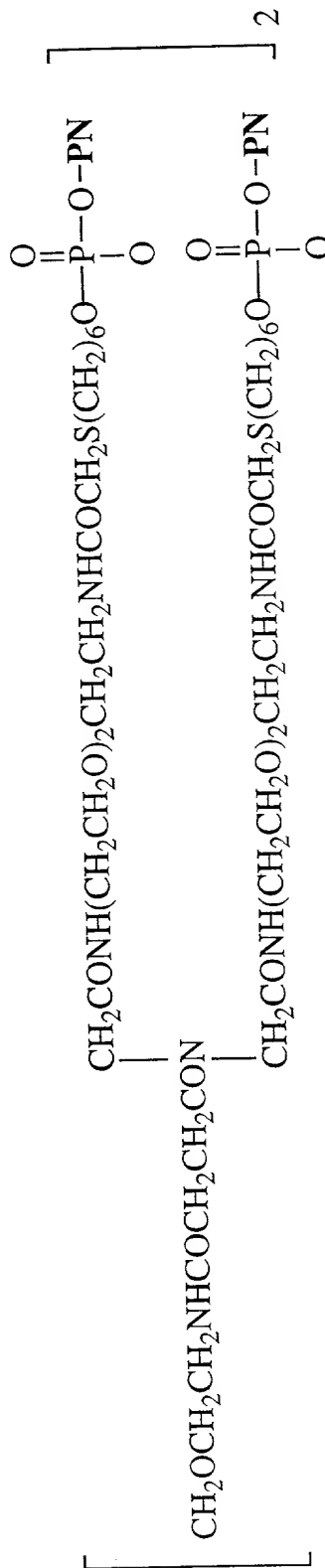
FIG. 5



DABA-PEG

3-I, PN = (CA)<sub>10</sub>

3-II, PN = (CA)<sub>10</sub>·(TG)<sub>10</sub>



11-I, PN = (CA)<sub>10</sub>

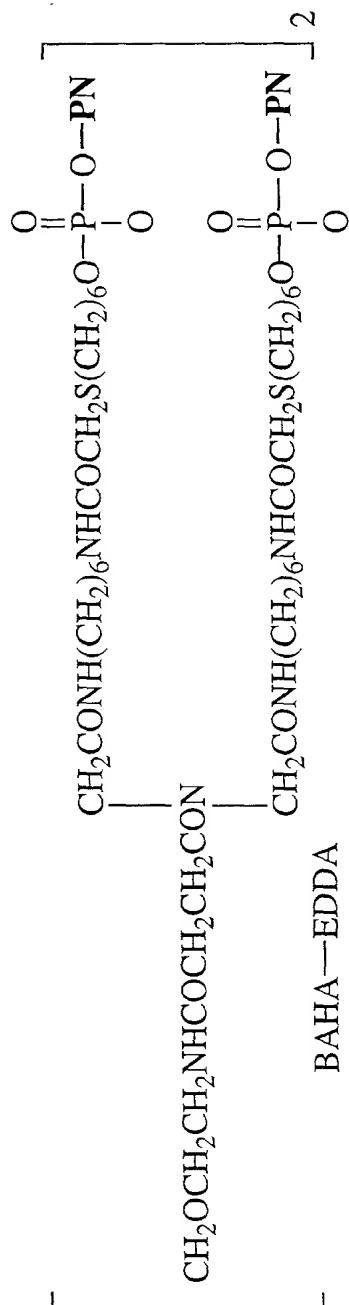
11-II, PN = (CA)<sub>10</sub>·(TG)<sub>10</sub>

11-IV, PN = (CA)<sub>8</sub>·(TG)<sub>8</sub>

11-VI, PN = (CA)<sub>12</sub>·(TG)<sub>12</sub>

11-VIII, PN = (CA)<sub>16</sub>·(TG)<sub>16</sub>

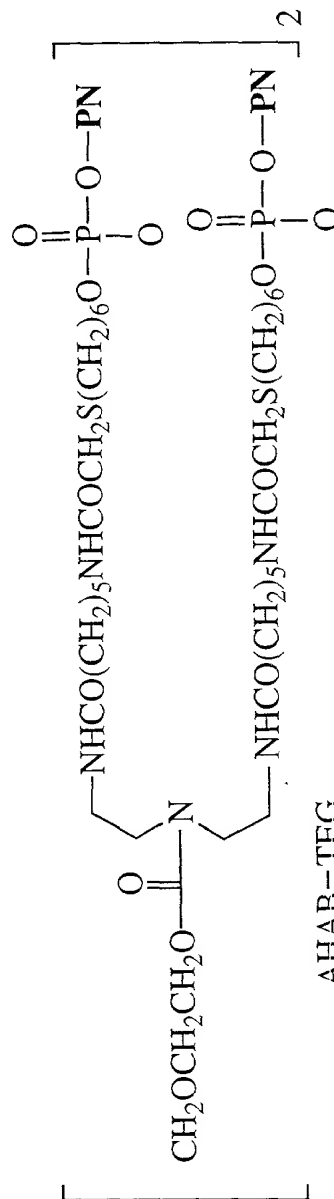
FIG. 6A



BAHA—EDDA

17-I PN = (CA)<sub>10</sub>

17-II PN = (CA)<sub>10</sub>·(TG)<sub>10</sub>



AHAB—TEG

20-I PN = (CA)<sub>10</sub>

20-II PN = (CA)<sub>10</sub>·(TG)<sub>10</sub>

FIG. 6B

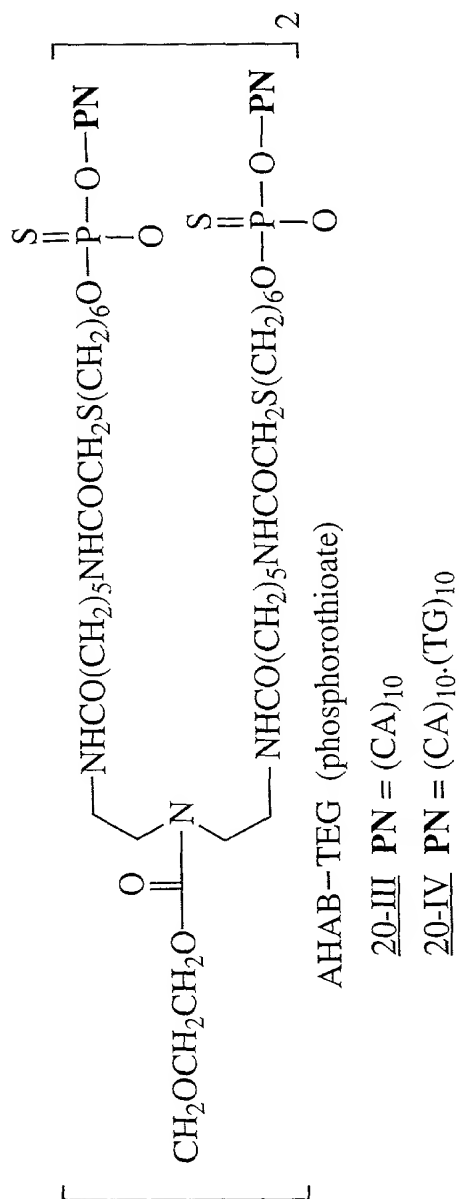


FIG. 6C



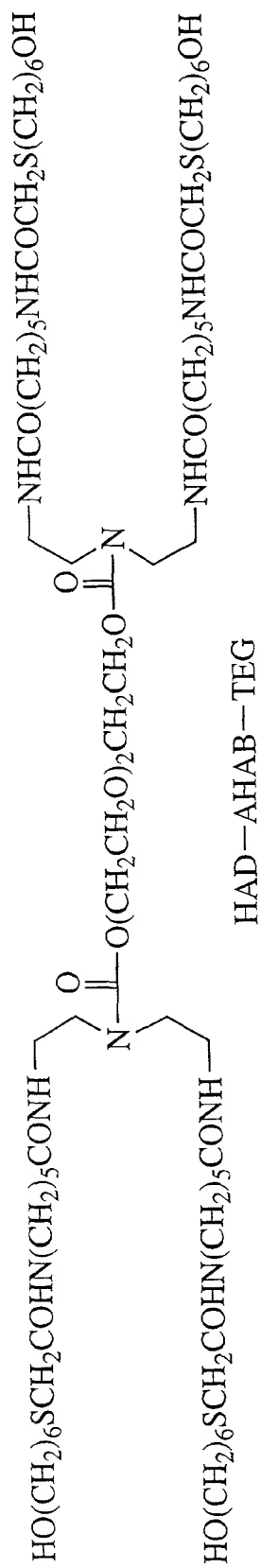


FIG. 7

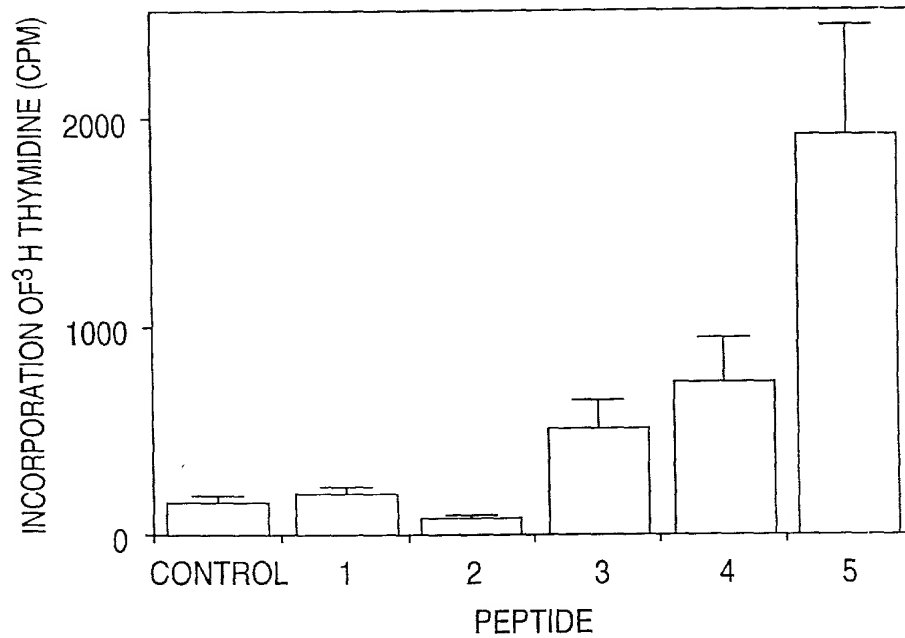


FIG. 8

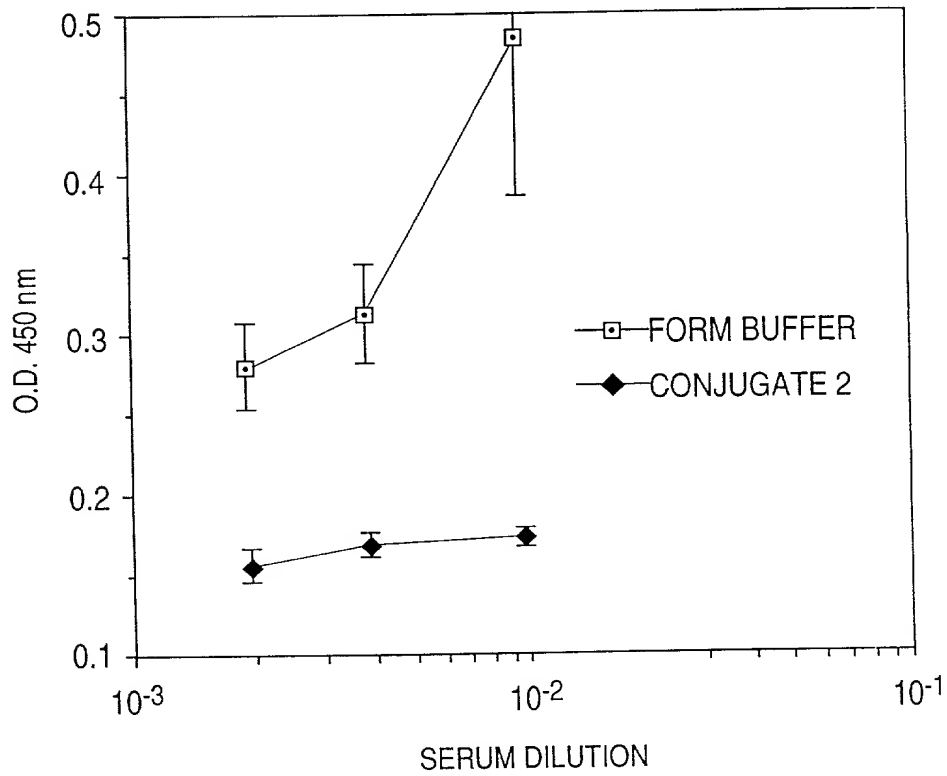


FIG. 9

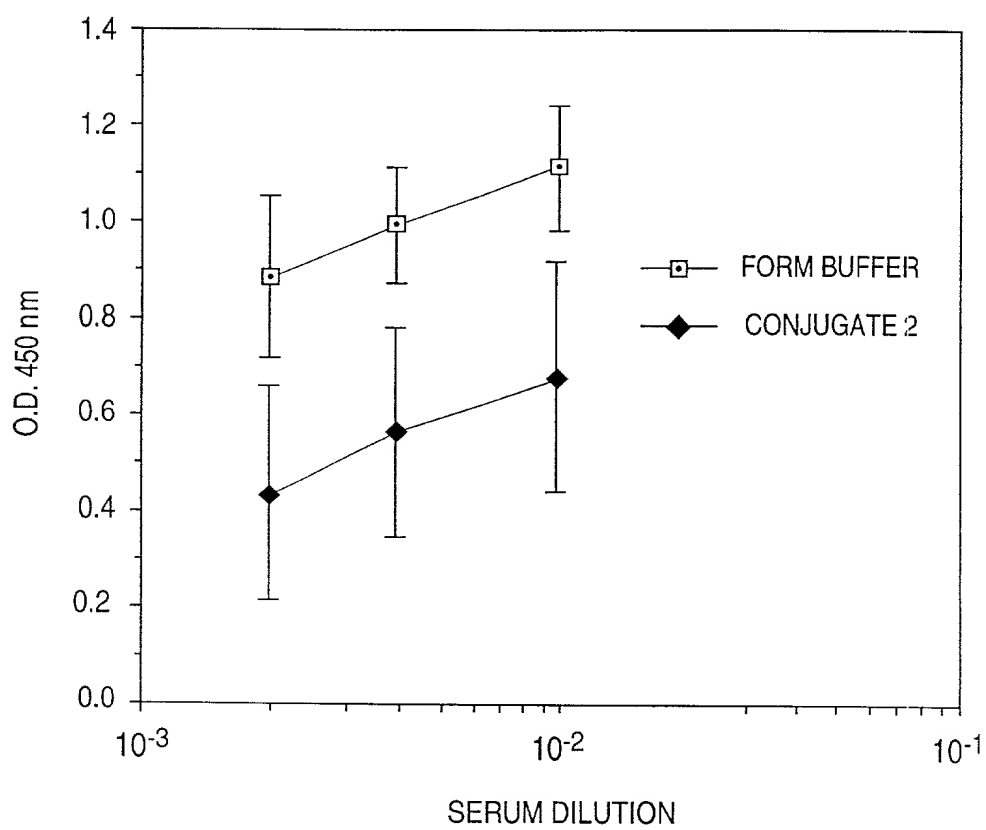
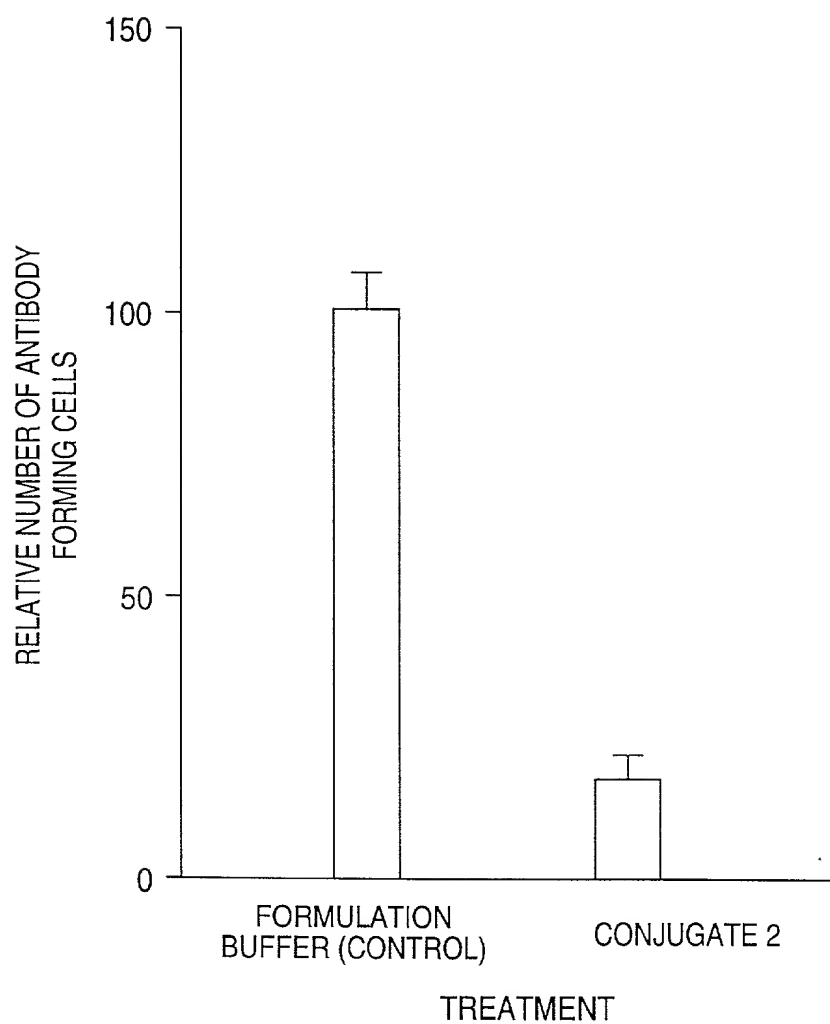


FIG. 10



**FIG. 11**

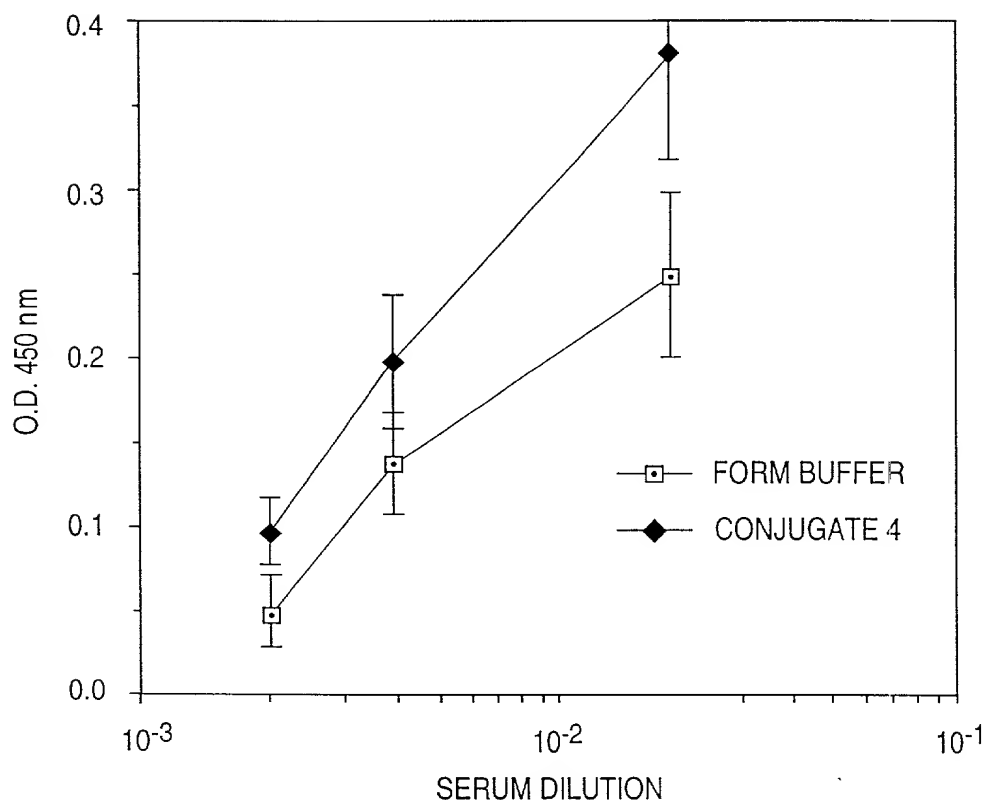


FIG. 12



MELITTIN CONJUGATE #1, R = H<sub>2</sub>N-Cys-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO<sub>2</sub>H

AVERAGE n = APPROX. 74



MELITTIN CONJUGATE #2, R = H<sub>2</sub>N-Cys-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO<sub>2</sub>H

MELITTIN CONJUGATE #3, R = H<sub>2</sub>N-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Lys-Cys-Gly-CO<sub>2</sub>H

MELITTIN CONJUGATE #4, R = H<sub>2</sub>N-Cys-Ile-Ser-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO<sub>2</sub>H

MELITTIN CONJUGATE #5, R = (H<sub>2</sub>N-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln)<sub>2</sub>-Lys-Cys-Gly-CO<sub>2</sub>H

MELITTIN PEPTIDES ATTACHED THROUGH SULFUR ATOM ON ADDED CYSTEINE,  
AVERAGE N = APPROX. 74

FIG. 13

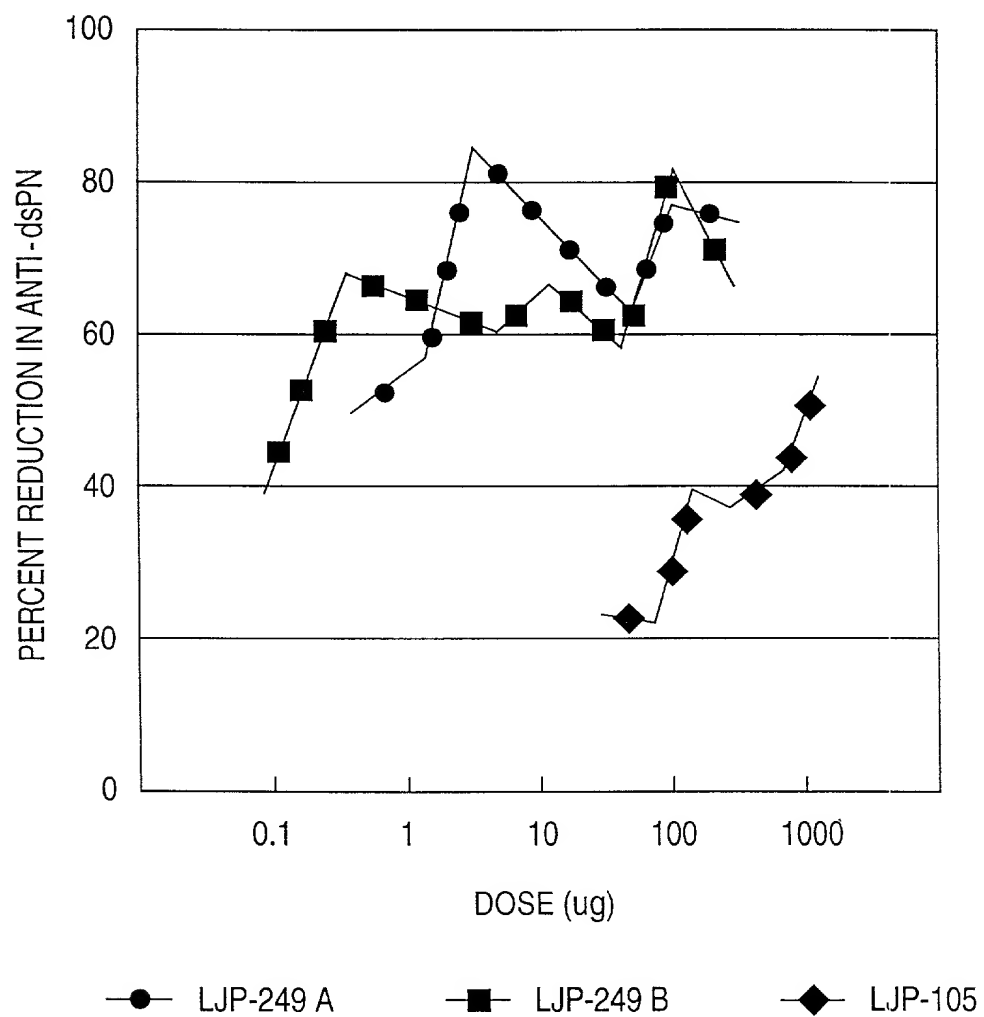
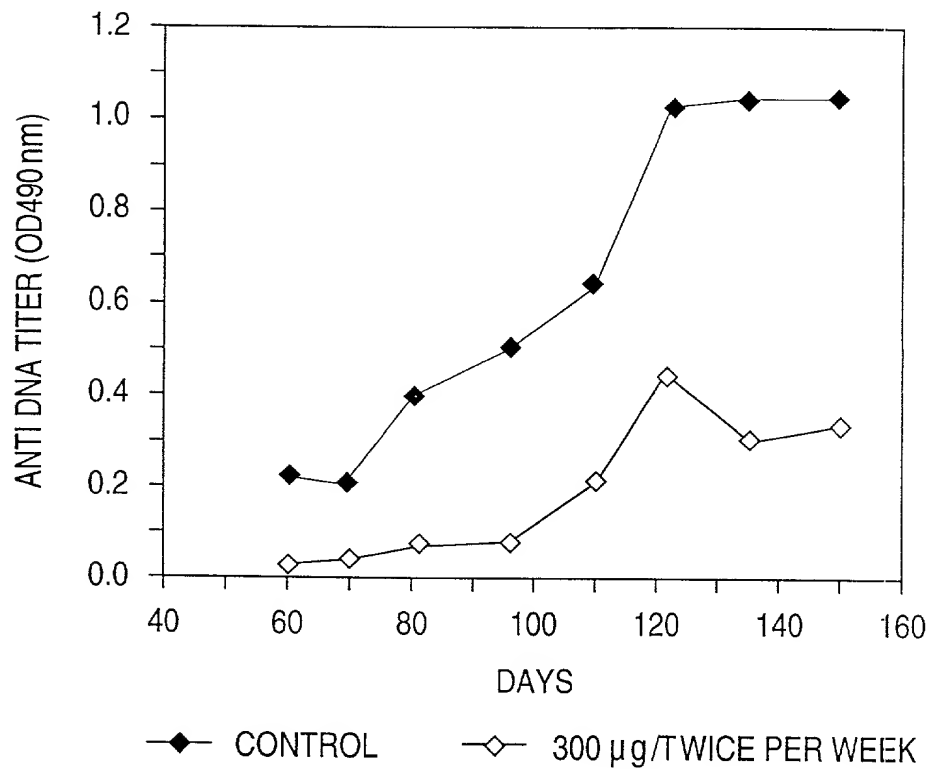


FIG. 14





**FIG. 15**